Index to Volume LXX

Achortutes viaticus Tullb., 151.
Adelges colleyi Gill., 189.
Aeschna interrupta, 147.
" " nevadensis Walk., 148.
Aeshna californica Calvert, 149.
" palmata Hagen., 148.
" umbrosa Walk., 149.
Agabus ambiguus Say, 126.
" *browni* n. sp., 126.
" *colymbus* n. sp., 125.
" from Hudson Bay, Descriptions of Three New Species of, 123.
" *hudsonicus* n. sp., 123.
" punctulatus Aube, 125.
Agathidium revolvens Lec., 191.
Aglais milberti (Godart) with the Description of a New Subspecies, Synonymic Notes on, 72.
" milberti tr. f. rothkei Gund., 72.
" *milberti viola* n. subsp., 73.
Alabama argillacea, 221.
ALLEN, MERLIN W., Article by, 73.
Allochrysa californica Navas, 122.
" *virginica* var. *ocala* n. var., 122.
Altica ambiens alni Harr., 37.
" *populi* n. sp., 37.
" prasina Lec., 37.
Ameletus aequivocus McD., 30.
" connectus McD., 29.
" cooki, 30.
" *falsus* n. sp., 30.
" ludens Clem., 27, 215.
" *querulus* n. sp., 29.
" shepherdi Trav., 30.
" *tertius* n. sp., 27.
" validus McD., 29.
Amphiagrion abbreviatum Selys., 148.
Amphorophora rossi Hottes & Frison, 185.
Anax junius Dru., 149.
Andrena argentiniae Ckll., 5.
" *bryanti* n. sp., 5.
" carlini, 5.
" lupinorum Ckll., 5.
" medionitens Ckll., 6.
" nivalis Sm., 6.
" persimulata Vier., 7.
" *prunorum* var. *pauperatula* n. var., 6.
" regularis Mall., 5.
" semirufa Ckll., 6.
" sieverti Ckll., 6.
" (Trachandrena) indotata Vier., 7.
" " multiplicatiformis Vier., 7.
" *wheeleri pallidior* n. subsp., 7.
Anomogyna speciosa apropitia Benj., 260.
Ant from Southern Ontario, Solenopsis rosella Kennedy, A New, 232.
Anuraphis helichrysi Theo., 183.
Aphaenogaster fulva aquia Emery, 235.
Aphalara artemisiae Forst., 202.
" confusa Cald., 202.
" hebecephala Cald., 203.
" nebulosa kincaidi Ashm., 203.
" rumicis Mall., 203.
" simila Cald., 202.
" vancouverensis Kby., 203.
" veaziei Patch, 203.
Aphania bifida n. sp., 93.
" *brevicornutana* n. sp., 95.
" capreana, 93.
" frigidana Pack., 93.
" *spinulana* n. sp., 93.
" tertiana McD., 93.
" youngi, 93.
Aphididae of the Maritime Provinces of Canada, A Contribution to a List of the, 180.
Aphids Infesting Artemisia, Macrosiphum, 73.
Aphis abbreviata Patch, 180.
" aslepiadis Fitch, 181.
" genistae Scop., 183.
" monardae Oest., 184.
" sanborni Patch, 186.
Aradus debilis Uhler, 189.
Argia emma Kennedy, 148.
Argyrotoxa semipurpurana Kft., 89.
Army Worm Outbreak in Nova Scotia in 1937, The, 86.
Ateuchus sacer Fab., 155.
Aulacus striatus Jurine, 254.

Baetis bicaudatus Dodds, 25.
" frondalis McD., 25.
" intercalaris McD., 25.
" *jesmondensis* n. sp., 25.
" lasallei Banks, 25.
" moffati Dodds, 25.
" parallela Banks, 25.
Baetisca obesa Say, 214.
BANKS, NATHAN, Article by, 118.
Barbara colfaxiana colfaxiana Kft., 189.
Basilarchia archippus Cramer from Louisiana, A New Race of, 243.
Basilarchia archippus watsoni n. ssp., 243.
BEAMER, R. H., Article by, 224.
BEDARD, W. D., Article by, 188.
Bees of Alberta VI. The, 5.
" " " VII., The, 70.
Bibio atripilosus James, 209.
" *columbiaensis* n. sp., 207.
" *conus* n. sp., 208.
" fumipennis Walk., 207.
" *jacobi* n. sp., 209.
" " *rufitibialis* n. var., 209.
" xanthopus Wied., 208.
Bibionidae from British Columbia, New, 207.
BIGGER, J. H., Article by, 244.
Biological Control of Insects through Plant Resistance 244.
Blackflies from Utah and Idaho, with Descriptions of New Species, 48.

BOOK NOTICES:

A Catalogue of the Original Descriptions of the Rhopalocera found North of the Mexican Border, edited by F. Martin Brown. Vol. I., part 1, The Hesperioidea by E. L. Bell, 261.

Die Blatt-Minen Mittel-und Nord-Europas by Prof. M. Hering, 64.

Faunistischer Fuhrer durch die Coleopteren-Literatur, Band I, Lieferung 1, 2, by S. Schenkling, 242.
The Fulgoridae of Ohio by Herbert Osburn, 262.
Insects of Citrus and other Subtropical Crops by H. J. Quayle, 218.
Les Animaux Ennemis de nos Cultures: Procedes de Destruction by Professor A. Guillaume, 218.
Recent Advances in Entomology, Second Edition, by A. D. Imms, 64.
Traite d'Entomologie Medicale et Veterinaire by M. Neven-Lemaire, 219.
BOWMAN, KENNETH, Article by, 260.
Brevicoryne brassicae Linn., 182.
BROWN, W. J., Article by, 35.
BURNHAM, JEAN C., Article by, 180.

Cacoecia fumiferana Clem., 189.
Caddisworms (Trichoptera) as Ideal Indicator Organisms for Respirational Studies of Small Animals, 1.
Callidium antennatum var. hesperum Casey, 193.
Canthon laevis Dru., 155.
Capitophorus fragaefolii Ckll., 182.
" potentillae Wlk., 185.
Capnia hantzschi n. sp., 173.
" nearctica Banks, 174.
" tenuis Bngtssn., 174.
Case-Building in Trichoptera as an Inherited Response to Oxygen Deficiency, 177.
Catia otho A. & S., 257.
" " race egeremet Scud., 257.
Cavariella theobaldi Gill., 187.
Celerio lineata Fab., 38.
Centroptilum bifurcatum, 27.
" conturbatum, 27.
" semirufum, 27.
" *victoriae* n. sp., 27.
Cephus cinctus Nort., 206, 259.
" pygmaeus L., 207.
Ceratonyssus occidentalis Ewing, 20.
Chaitophorus viminalis Monell, 187.
Chermes strobilobius Kalt., 186.
Chermidae (Homoptera) of Alberta, The, 200.
Chionaspis pinifoliae Fitch, 65.
Chrysolina flavomarginata Say, 35.
" *hudsonica* n. sp., 35.
" vidua Rog., 35.
Chrysomelidae, Some New Canadian, 35.
Chrysopa antillana Navas, 122.
" *apache* n. sp., 120.
" *comanche* n. sp., 119.
" cubana Hagen, 121.
" " var. sanchezi Navas, 122.
" externa Hagen, 119.
" furcata, 120.
" harrisi, 119.
" *mohave* n. sp., 120.
" plorabunda Fitch, 119, 189.
" rufilabris, 121.
" thoracica Walk., 121.
Chrysopidae and Species New to the United States, New, 118.
Cimex pilosellus Horv., 21.
Cinygmula atlantica McD.,, 213.
Cirphis unipuncta Haw., 86.
Cleorid from Southeastern California, New, 85.
COCKERELL, T. D. A., Articles by, 5, 70.
Coleocentrus mellipes Prov., 231.
Coleophora laricella, 224.
Collembola, Notes on Some Arctic, 151.
Colletes armatus Patton, 71.
" cauponarius Ckll., 71.
" *eulophi albertensis* n. subsp., 70.
" kincaidii Ckll., 70.
" montanus Mor., 71.
" phaceliae Ckll., 71.
" *stricklandi* n. sp., 70.
Colorado potato beetle, 222.
COOPER, ROBERT H., Article by, 155.
Cordulegaster dorsalis Hagen, 149.
Cotton, moth, 221.
Cremastus forbesii Weed, 90.
" minor Cush., 90.
Cucujus clavipes var. puniceus Mann., 191.

Dasyneura mali, 224.
Dendroctonus pseudotsugae Hopk., 188.
Dendryphantes flavipedes Emerton, 16.
" virginis Chamberlin, 16.
DETHIER, V. G., Article by, 255.
Digonichaeta setipennis Fall, 65.
Dilachnus piceae, 221.
Dineutus ciliatus Forst., 61.
" robertsi Leng, 61.
Diprion polytomum Htg., 207, 224, 259.
Dos PASSOS, CYRIL F., Articles by, 45, 72, 199, 243.
Douglas fir beetle, 188.
Drepanaphis acerifoliae Thomas, 180.

Elachertus evetriae Gir., 196.
Enallagma carunculatum Morse, 148.
" cyathigerum Charp., 148.
Entomological Society of Ontario Membership, 40.
Entomological Society of Ontario, Seventy-fifth Anniversary of the, 220.
Ephemera guttulata Pict., 211.
Ephemerella bicolor, 23.
" *bicoloroides* n. sp., 23.
" inconstans Trav., 24.
" invaria Wlk., 24, 215.
" rotunda Morg., 24, 215.
" vernalis Banks, 24.
Ephemeroptera. I. Coloration and its Relation to Seasonal Emergence, Studies on the Biology of the, 210.
Ephemeroptera with Critical Notes, New Species of North American, 23.
Ephoron album Will., 211.
Epiblema obfuscana Dyar, 90.
" scudderiana Clem., 90.
" strenuana Walk., 89.
Epilachna varivestis, 222.
Epiurus indagator Cress., 194.
Epuraea truncatella Mann., 192.
Eremobia alticola Sm., 261.

Eriococcus kemptomi Parrott, 158.
" *saratogensis* n. sp., 157.
" smithi Lob., 158.
Eucosma avalona n. sp., 58.
Eucosmidae, Some Apparently New, 90.
Eulachnus agilis Kalt., 181.
Euphydryas chalcedona Dbldy. & Hew. from Arizona, A New Race of, 199.
Euphyrsryas chalcedona klotsi n. ssp. 199.
Euphydras hermosa Wgt., 199.
" olancha Wgt., 199.
" quino Behr, 199.
Eupithecia bolteri Hlst., 236.
" edna Hlst., 260.
" fletcherata, 173.
" from Eastern North America, An Apparently New, 171.
Eupithecia herefordaria C. & S., 236.
" huachuca Grossb., 236.
" opinata Pears., 236.
" *persimulata* n. sp., 240.
" *pertusata* n. sp., 236.
" *prostrata* n. sp., 238.
" *protoptata* n. sp., 240.
" *sheppardata* n. sp., 171.
Eupithecias, Some Apparently New Texan, 236.
European elm bark beetle, 222.
" spruce sawfly, 224.
Eurotype contadina albertae McD., 260.
Euthyatira pudens pennsylvanica Sm., 260.

Fabriciella actinosa n. sp., 8.
" *egula* n. sp., 9.
" latifacies Toth., 8.
" *nigella* n. sp., 10.
" piceifrons Tns., 10.
" , Four New Nearctic Species of, 8.
Fabriciella tahoensis n. sp., 11.
Fall webworm, 83.
FARSTAD, C. W., Article by, 206.
FELT, E. P., Article by, 221.
Fir tree tussock moth, 19.
Flexamia grammica Ball, 226.
FLINT, W. P., Article by, 244.
Forcipata lobata n. sp., 229.
" triquetra DeL. & Cald., 229.
Forcipomyia simulata Walley, 190.
Forda olivacea Roh., 184.
FREEMAN, T. N., Articles by, 61, 246.

Galerucella decora Say, 36.
" lutcola Mull., 36.
" nymphaeae L., 36.
" *quebecensis* n. sp., 36.
" *ribicola* n. sp., 37.
" spiraeae Fall, 36.
" *stefanssoni* n. sp., 36.
Gasteruption assectator Linn., 254.
" jaculator Linn., 254.
Georgiaphis ulmi Wilson, 187.
Glypta rufiscutellaris Cress., 89.
Graminella ampla n. sp., 229.
" fitchi V. D., 229.
GREGSON, J. D., Article by, 63.
Grylloblatta campodeiformis Walker—A New Record, 63.
Gymnopleurus sinuatus Fabr., 155.
Gyrinus dubius, 60.
" *hoppingi* n. sp., 59.
" instabilis, 60.
" opacus Sahl., 60.
" picipes Aube, 59.
" wallisi, 60.
" , with a Note on Dineutus robertsi Leng, A New Species of, 59.

Habrophlebia vibrans Need., 213.
HARDY, D. ELMO, Article by, 207.
Heliothis phloxiphaga G. & R., 19.
Hemerocampa pseudotsugata McD., 19.
Hemilexis californica Ashm., 197.
Herpestomus hariolus Cress., 195.
Hesperiinae, Notes on the Early Stages of Some, 255.
Homoneura bispina Loew, 139.
" citreifrons Mall., 139.
" compedita Loew, 139.
" conjuncta Johns., 139.
" disjuncta Johns., 139.
" fraterna Loew, 139.
" houghi Coq., 140.
" incerta Mall., 140.
" littoralis Mall., 140.
" melanderi Johns., 140.
" ornatipes Johns., 140.
" pernotata Mall., 140.
" philadelphica Macq., 140.
" seticauda Mall., 140.
" sheldoni Coq., 140.
Hosts of the Oriental Fruit Moth Parasite, Glypta rufiscutellaris Cress., Further Notes on some Alternative 89.
Hyphantria cunea Dru., 83.
Hypogeococcus barbarae n. sp., 159.
" n. gen., 159.

Ibalia ensiger Nort., 197.
Incisalia niphon clarki n. var., 247.
" " Hbn. with Notes on Strymon acadica Edw., A New Race of, 246.
Insect Collection of the Royal Ontario Museum of Zoology, The, 67.
Insect Fauna of Douglas Fir (Pseudotsuga mucronata Rafinesque) in the Northern Rocky Mountain Region, An Annotated List of the, 188.
Insecticides, Synthetic Organic Compounds used as, 248.
Ips calligraphus, 223.
Iridomyremex analis pruinosa Emery, 235.
Iron confusus Trav., 33.
" (Epeorus) albertae McD., 34.
" fragilis Morgan, 33.
" fraudator Trav., 32.
" humeralis, 34.
" lagunitas Trav., 34.
" longimanus, 32.
" pleuralis Banks, 32.
" proprius Trav., 34.
" sancta-gabriel Trav., 34.
" tenuis, 33.
" youngi Trav., 34.

Ischnura cervula Selys., 148.
" perparva Selys., 148.
Isomalus mancus Csy., 192.
Isonychia bicolor Wlk., 211.
Isotoma viridis Bourl., 153.
" " catena Guth., 153.

JAMES, H. G., Article by, 151.

KASTON, B. J., Article by, 12.
KENNEDY, C. H., Article by, 232.
KNOWLTON, GEORGE F., Article by, 73.

Laevicephalus incisurus DeL., 225.
Larch case bearer, 224.
" sawfly, 224.
Laspeyresia nigricana, 132.
Latrodectus mactans Fabr., 12.
Lauxania cylindricornis Fab., 103.
Lauxaniidae of Southern Quebec and Adjacent Regions, The, 102, 111, 133.
Leafhoppers with Descriptions of Five New Species, Miscellaneous, 224.
LEECH, HUGH B., Articles by, 59, 123.
Lema gaspensis n. sp., 35.
" palustris Blatch., 35.
Lepidoptera from Arizona, New, 142.
" " Southern California, New, 55.
Leptinotarsa decimlineata, 222.
Leptophlebia cupida Say, 211.
Lestes disjunctus Selys., 148.
" dryas L., 148.
Leucorrhinia hudsonica Selys., 151.
" intacta Hagen, 151.
Libellula forensis Hagen, 150.
" quadrimaculata L., 150.
Liosomaphis berberidis Kalt., 181.
Lycaena blackmorei B. & McD., 47.
" ianthe Edw., 45.
" lycea Edw., 46.
" *nivalis browni* n. ssp., 45.
" saepiolus Blv., 46.
" " leussleri Gundl., 46.
Lycaenidae, Some New Subspecies of North American, 45.
Lycosa modesta Keys., 15.

Macrocentrus ancylivorus Roh., 90.
" delicatus Cress., 90.
Macrolepidoptera of Alberta, Additions and Corrections to Check List of, 260.
Macromia rickeri Walk., 149.
Macrosiphum albifrons Essig, 181.
Macrosiphum anomellus n. sp., 75.
" *artemisiphilus* n. sp., 75.
" *artemisvulgaris* n. sp., 76.
" *cefsmithi* n. sp., 76.
" cornelli Patch, 182.
" coweni Hunter, 76.
" essigi Sol., 78.
" filifoliae G. & P., 80.
" frigidae Oest., 80.
" frigidicola G & P, 81, 173.
" jonesii G. & P., 81.
" longipes G. & P., 81.
" ludovicianae Oest., 81.
" rudbeckiae Fitch, 186.
" solanifolii Ashm., 186.
" *zerothermus* n. sp., 83.
Mantis religiosa, 21.
Marcellina piscatoria Hentz, 12.
McDUNNOUGH, J., Articles by, 23, 55, 85, 90, 128, 171, 236.
Mealybugs from New York State, Four More New Species of, 157.
Medeterus aldrichii Wheeler, 190.
Megastigmus spermotrophus Wachtl., 196.
Melissopus latiferreanus Wlshm., 90.
Mexican bean beetle, 222.
Microbracon xanthonotus Ashm.., 195.
MILNE, LORUS J., Article by, 1.
MILNE, MARGERY J., Articles by, 1, 177.
Mindaras abietinus Koch, 180.
Minettia americana Mall., 108.
" *americanella* n. sp., 108.
" *lobata* n. sp., 108.
" lupulina Fab., 103.
" *lyraformis* n. sp., 109.
" obscura Lw., 106.
Molanna flavicornis Bks., 178.
Molts in Larvae of the Fall Webworm, Hyphantria cunea Drury, On the Number of, 83.
Myodapsylla insignis Roths., 20.
Myzus persicae Sulz., 184.

Neanura gigantea Tullb., 153.
Nematus erichsonii, 224.
Nemobius carolinus Scud., 101.
" from Ontario, A New Species of, 101.
" *macdunnoughi* n. sp., 101.
Neoprociphilus attenuatus Osb. & Sirr., 181.
Nepytia canosaria Walk., 189.

NEWS AND VIEWS:

Armyworm Starts Early in some of the Southern States, 175.
British Scientific Society Honors American Entomologist, 18.
Death of Dr. G. H. F. Nuttall, 40.
Insect Pests in Numbers Threaten for Next Year, 17.
Montreal Branch of the Entomological Society of Ontario, 18, 66, 154, 198.
New Check List of North American Lepidoptera, 65.
Practical Control for European Corn Borer on Early Market Sweet Corn, 110.
Quebec Society for the Protection of Plants, 174.
Retirement of Mr. H. F. Hudson, 87.
Severe Grasshopper Plague in Nicaragua, 19.
37th Annual Meeting, of the Entomological Society of British Columbia, 65.
War Declared on New Crop Pest, 175.
White Arsenates to be coloured pink, 66.
Oak leaf roller, 89.
OBITUARY: Frederick Courteney Gilliatt, 197.
Octogomphus specularis Hagen, 149.

Odonata from the Vicinity of Cultus Lake, B. C., Notes on, 144.
Odontomerus tibialis Cush., 195.
Oidaematophorus caudelli Dyar, 130.
" *contortus* n. sp., 131.
" grisescens Wlshm., 129.
" guttatus Wlshm., 128.
" inconditus Wlshm., 130.
" mathewianus Zell., 128.
" occidentalis Wlshm., 128.
" *phaceliae* n. sp., 129.
" *rigidus* n. sp., 131.
" *simplicissimus* n. sp., 130.
" with Descriptions of New Species, Notes on Certain of Walsingham's Species, 128.
Onychiurus armatus Tullb., 154.
" groenlandicus Tullb., 153.
" pseudarmatus Fols., 154.
Ophiogomphus occidentis Hagen, 149.
Orchestina saltitans Banks, 12.
Oxyopes salticus Hentz, 16.

Pachyceras eccoptogastri Ratz., 196.
Palus acutus n. sp., 226.
" delector DeL. & Slees., 226.
" *fasciatus* n. sp., 228.
" marginatus DeL., 228.
Pammegischia and Trichofoenus Discarded, 254.
Pammegischia burquei, 254.
Pamphila comma L., 261.
Paraleptophlebia bicornuta McD., 213.
Parameletus chelifer Bngsstn., 31.
" *columbiae* n. sp., 31.
" midas McD., 31.
" minor Bngsstn., 32.
Paratenodera sinensis Sauss., 21.
Paratrioza cockerelli Sulc., 203.
PECHUMAN, L. L., Article by, 165.
Pellenes calcaratus Banks, 16.
Periphyllus americanus Baker, 181.
" horridus Theo., 183.
" populicola Thomas, 185.
Petrova gemistrigulana Kft., 96.
" *pallipennis* n. sp., 96.
Phidippus insolens Hentz, 16.
Phryganea sayi Milne, 178.
PICKETT, A. D., Article by, 86.
Pirata arenicola Emerton, 16.
" insularis Emerton, 16.
" maculatus Emerton, 16.
" marxi Stone, 16.
" minutus Emerton, 16.
" montanus Emerton, 16.
" piratica Clerck., 16.
Plagodis alcoolaria Gn., 261.
" fervidaria H. S., 261.
Plebeius acmon lutzi n. ssp., 48.
" acmon West. & Hew., 47.
" aquilo rustica Edw., 46.
" icarioides Bdv., 47.
" " *buchholzi* n. ssp., 47.
Plebeius saepiolus gertschi n. ssp., 46.
" scudderi aster Edw., 61.
" " *empetri* n. var., 62.
" from Cape Breton Island, A New Race of, 61.
Poanes hobomok Harr., 258.
" " pocahontas Scud., 259.
" zabulon Bdv. & ec., 259.
Polica gracea n. sp., 142.
Polites manataaqua Harr., 255.
" mystic Scud., 256.
" themistocles Latr., 255.
Polychrosis aemulana, 91.
" artemesiana Zell., 92.
" bicinctana Dup., 92.
" *exasperana* n. sp., 91.
" *palliolana* n. sp., 91.
" *spiraeae* n. sp., 92.
" spiraeifoliana, 91.
Polyommatus nivalis Bdv., 45.
Potamanthus myops Walsh, 212.
Protarchoides longipes Cush., 231.
" mandibularis Cush., 230.
" mellipes Prov., 231.
" , Notes on the Genus, 230.
" *pallidicornis* n. sp., 231.
Pseudococcus citri Risso, 164.
" comstocki Kuw., 163.
" *patulae* n. sp., 161.
" pulverarius News., 161.
Psocus maculosus Banks, 189.
Psyllia alba Cwfd., 204.
" alni americana Cwfd., 204.
" floccosa Patch., 204.
" hartigii Flor., 205.
" magnicauda Cwfd., 205.
" negundinis Mall., 205.
" sinuata Cwfd., 205.
" striata Patch, 205.
Pterocomma media Baker, 184.
Pterotaea agrestaria Grossb., 85.
" serrataria B. & McD., 85.
" *sperryae* n. sp., 85.
PUTMAN, W. L., Article by, 89.

Ragweed borer, 89.
RAU, GEORGE J., Article by, 157.
REINHARD, H. J., Article by, 8.
RESEARCH NOTES:
An Effective Repellent for Biting Insects, 175.
An Exotic Moth Taken at Quebec, 242.
External Parasites of Bats, 20.
Migration of Moths of the Beet Web-Worm, 176.
Roundworm Attacking Pea Moth, 132.
The European Praying Mantis in Ontario, 21.
The Occurrence of Sitona lineatus L. in British Columbia, 22.
Two Interesting Records of Lepidoptera from Vancouver Island, 19.
Unusual Abundance of Celerio lineata Fab. in Ontario, 38.
Rhizophagus dimidiatus Mann., 192.
RICKER, W. E., Articles by, 144, 173.
Ripersia lasii Ckll., 161.
ROARK, R. C., Article by, 248.

Sanctanus balli n. sp., 224.
" sanctus Say, 225.

Sapromyza annulata Mel., 115.
" *aspinosa* n. sp., 116.
" brachysoma Coq., 115.
" browni Curr., 115.
" *currani* n. sp., 118.
" *fusca* n. sp., 113.
" *novaescotiae* n. sp., 118.
" *ouelleti* n. sp., 115.
" pictiventris Mall., 116.
" quadrilineata Loew, 116.
" *spatulata* n. sp., 116.
" *subserrata* n. sp., 117.
Scolytus multistriatus. 222.
" quadrispinosus, 223.
Scotogramma fulgora B. & McD., 56.
" *hirsuta* n. sp., 56.
Scudderia furcata Brun., 65.
Serropalpus barbatus Schl., 193.
SHEWELL, G. E., Articles by, 102, 111, 133.
Silvius gigantulus Loew, 170.
" laticallus Brenn., 170.
" microcephalus Wehr., 170.
" *philipi* n. sp., 165.
" pollinosus Will., 171.
" *quadrivittatus texanus* n. var., 166.
" sayi Brenn., 170.
" , Two New Nearctic, 165.
Simulium (Eusimulium) aureum Fries, 49.
" " pilosum K. & R., 49.
" hirtipes Fries, 49.
" perissum D. & S., 53.
" (Prosimulium) fulvum Coq., 49.
" " *unicum* n. sp., 49.
" (Simulium) bivittatum Mall., 54.
" " corbis Twinn, 54.
" " *fraternum* n. sp., 53.
" " *hearlei* n. sp., 50.
" " *idahoense* n. sp., 50.
" " *knowltoni* n. sp., 53.
" " occidentale Tws., 54.
" " *turmale* n. sp., 51.
" " venator D. & S., 54.
" " venustum Say, 54.
" " vittatum Zett., 54.
Sitona lineatus L., 22.
SMITH, STANLEY G., Article by, 259.
Solenopsis molesta Say, 234.
" *rosella* n. sp., 232.
Somatochlora albicincta Burm., 149.
" semicircularis Selys., 149.
Spathius brunneri Vier., 196.
SPERRY, JOHN L. ,Article by, 142.
Spiders, Notes on Little Known New England, 12.
SPIETH, HERMAN T., Article by, 210.
Stenonema tripunctatum Banks, 34, 214.
Stenoporpia anellula B. & McD., 144.
" *mcdunnoughi* n. sp., 143.
Stonefly from Baffin Land, A New, 173.
STRICKLAND, E. H., Article by, 200.
Strymon acadica acadica ab. muskoka, 248.
" " Edw., 247.
" souhegan, 247.
SWAIN, RALPH B., Article by, 83.
Sympetrum corruptum Hagen, 150.
" costiferum Hagen, 150.
" dance Sulz., 151.
" decisum Hagen, 150.
" obtrusum Hagen, 150.
" pallipes Hagen, 150.
" semicinctum Say, 151.
" vicinum Hagen, 151.
Syrphus ribesii, 221.

Tanyperyx hageni, 146.
Temnochila virescens var. chlorodea Mann., 192.
Tetragoneuria canis McLach., 149.
" spinigera Selys., 149.
Thanasimus dubius F., 191.
Thelyotokous parthenogenesis in Cephus cinctus Nort., 206.
Thelytokous parthenogenesis in Cephus cinctus Nort.: A Critisism, 259.
Therioaphis tiliae Linn., 187.
Thiodia alatana n. sp., 100.
" alterana, 97.
" apacheana Wlshm., 100.
" *crassana* n. sp., 99.
" *fasciculatana* n. sp., 96.
" fertoriana Heinr., 99.
" marmontana, 97.
" modernana McD., 97.
" *sinestrigana* n. sp., 97.
" *spectana* n. sp., 100.
" tenuiana Wlshm., 100.
Thionymus mori Lob., 165.
TOWNES, HENRY K., Jr., Article by, 254.
Trichofoenus merceti Kieff., 255.
Trionymus geraniae n. sp., 163.
Trioza frontalis sulcata Cwfd., 203.
" maura Forst., 204.
" quadripunctata Cwfd., 204.
" varians Cwfd., 204.
Trudestra hadeniformis Sm., 55.
" *projecta* n. sp., 55.
Tumble-Bugs, 155.
TWINN, C. R., Article by, 48.

URQUHART, F. A., Articles by, 67, 101.

Vanessa furcillata Say, 72.
" milberti Godt., 72.
" " var. subpallida, 72.
Vespamina sequoiae Hy. Edw., 190.

WALKER, E. M., Article by, 144.
WALLEY, G. STUART, Article by, 230.
Wheat stem sawfly, 206.
Wind Drift and Dissemination of Insects, 221.

Xeris morrisoni Cress., 194.
Xylophagus abdominalis Loew, 190.

Zenophleps lignicolorata Pack., 58.
" *pallescens* n. sp., 57.
Zora pumila Hentz, 15.
" spinimana Emerton, 15.